

# Product datasheet for TA501350M

### OriGene Technologies, Inc.

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### **CFAP298 Mouse Monoclonal Antibody [Clone ID: OTI2H5]**

### **Product data:**

**Product Type:** Primary Antibodies

Clone Name: OTI2H5

Applications: FC, IF, WB

**Recommended Dilution:** WB: 1:200 - 1:1000, IF 1:100, FLOW 1:100

Reactivity: Human
Host: Mouse
Isotype: IgG1

Clonality: Monoclonal

Immunogen: Full length human recombinant protein of human C21orf59 (NP\_067077) produced in

HEK293T cell.

**Formulation:** PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

**Concentration:** 0.55 mg/ml

**Purification:** Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography

(protein A/G)

**Conjugation:** Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

**Predicted Protein Size:** 33.0 kDa

**Gene Name:** cilia and flagella associated protein 298

Database Link: NP 067077

Entrez Gene 56683 Human

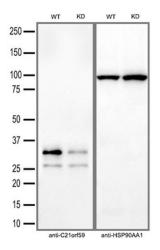
P57076

Synonyms: C21orf48; CILD26; FBB18

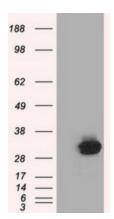




## **Product images:**

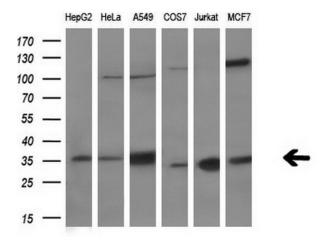


Equivalent amounts of cell lysates (30 ug per lane) of wild-type HT-1080 cells (WT) and C21orf59-Knockdown HT-1080 cells (KD) were separated by SDS-PAGE and immunoblotted with anti-C21orf59 monoclonal antibody [TA501350] (1:2500). Then the blotted membrane was stripped and reprobed with anti-HSP90AA1 antibody as a loading control.

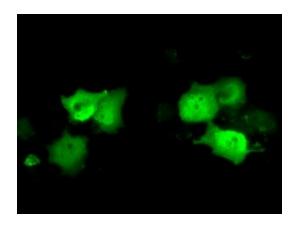


HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY C21orf59 (Cat# [RC200169], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-C21orf59(Cat# [TA501350]). Positive lysates [LY402864] (100ug) and [LC402864] (20ug) can be purchased separately from OriGene.

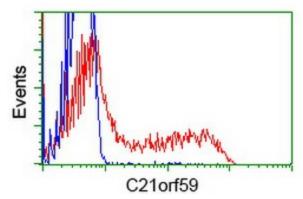




Western blot analysis of extracts (10ug) from 6 different cell lines by using anti-C21orf59 monoclonal antibody (1:200).

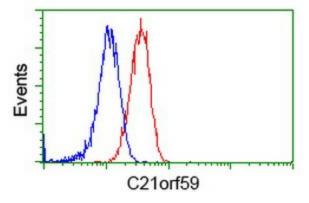


Anti-C21orf59 mouse monoclonal antibody ([TA501350]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY C21orf59 ([RC200169]).



HEK293T cells transfected with either [RC200169] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-C21orf59 antibody ([TA501350]), and then analyzed by flow cytometry.





Flow cytometric Analysis of Jurkat cells, using anti-C21orf59 antibody ([TA501350]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).